



Db	721	ttcaagccggtcatgttccaaagttaatggagatgttccagcctagtgcggtgttcttaccag	780
Qy	891	tgtggctcagactccctatcttggggatacgggttaggttgcttcaatctatctatcaaaagga	950
Db	781	tgtggctcagactccctatcttggggatacgggttaggttgcttcaatctatcaaaagga	840
Qy	951	cacgccaagtgtgtggaattgtcaagagctttaacctgcctatgctgatgctgaggagcc	1010
Db	841	cacgccaagtgtgtggaattgtcaagagctttaacctgcctatgctgatgctgaggagcc	900
Qy	1011	gggtgttacaccattcgttaacggttgcccggtgctggacatatgagacagctgtggccctg	1070
Db	901	gggtgttacaccattcgttaacggttgcccggtgctggacatatgagacagctgtggccctg	960
Qy	1071	gatacggagatccctaatgagcttccatacaatgactactttgaatactttggaccagat	1130
Db	961	gatacggagatccctaatgagcttccatacaatgactactttgaatactttggaccagat	1020
Qy	1131	ttcaagctccacatcagtccttccaatagtactaaaccagaacacgaatgagtacctggag	1190
Db	1021	ttcaagctccacatcagtccttccaatagtactaaaccagaacacgaatgagtacctggag	1080
Qy	1191	aagatacaaacagcgactgttgagaaccttagaaatgctgcgcacgcacactggggtccaa	1250
Db	1081	aagatacaaacagcgactgttgagaaccttagaaatgctgcgcacgcacactggggtccaa	1140
Qy	1251	acgcaaggcgattccctgaggagagccatccctcgaggagtggtgcgatgaggacgaagacgac	1310
Db	1141	atgcaggcgattccctgaggagagccatccctcgaggagtggtgcgatgaggacgaagacgac	1200
Qy	1311	cctgacaagcgcatctcgatctgctcctctgacaaaaagaaattgcctgtgaggaagagttc	1370
Db	1201	cctgacaagcgcatctcgatctgctcctctgacaaaaagaaattgcctgtgaggaagagttc	1260
Qy	1371	tccgattctgaaagaggaggagagggggcgcaagaactcttccaaacttcaaaaaagcc	1430
Db	1261	tccgattctgaaagaggaggagagggggcgcaagaactcttccaaacttcaaaaaagcc	1320
Qy	1431	aagagaggtcaaaaacagagaggtgaaaaagagaaagacccagagaggaagaagaaatcacc	1490
Db	1321	aagagaggtcaaaaacagagaggtgaaaaagagaaagacccagagaggaagaagaaatcacc	1380
Qy	1491	gaagaggagaaaaaacagagaggtgagaagccagaagccaaaggggttcaaggaggagccaag	1550
Db	1381	gaagaggagaaaaaacagagaggtgagaagccagaagccaaaggggttcaaggaggagccaag	1440
Qy	1551	tgggcctga	1559
Db	1441	tgggcctga	1449

RESULT 5  
AAS81302  
ID AAS81302 standard; CDNA; 1582 BP

DT 13-PEB-2002 (first entry)

DE DNA encoding novel human diagnostic protein #17106.

Human; chromosome mapping; gene mapping; gene therapy; forensic; food supplement; medical imaging; diagnostic; genetic disorder; ss.

**Homo sapiens.**

PN WO200175067-A2

AX PD 11-OCT-2001.

30-MAR-2001: 2001WO-US08631

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31-MAR-2000; 2000US-0540217.  
23-AUG-2000; 2000US-0649167.  
(HYSE-) HYSEQ INC.  
Drmanac RT, Liu C, Tang YT;  
WPI; 2001-639362/73.  
P-PSDB; ABGL7115.  
New isolated polynucleotide and encoded polypeptides, useful in  
diagnostics, forensics, gene mapping, identification of mutations  
responsible for genetic disorders or other traits and to assess  
biodiversity  
Claim 1; SEQ ID No 17106; 103pp; English.  
The invention relates to isolated polynucleotide (I) and  
polypeptide (II) sequences. (I) is useful as hybridisation probes,  
polymerase chain reaction (PCR) primers, oligomers, and for chromosome  
and gene mapping, and in recombinant production of (II). The  
polynucleotides are also used in diagnostics as expressed sequence tags  
for identifying expressed genes. (I) is useful in gene therapy techniques  
to restore normal activity of (II) or to treat disease states involving  
(II). (II) is useful for generating antibodies against it, detecting or  
quantitating a polypeptide in tissue, as molecular weight markers and as  
a food supplement. (II) and its binding partners are useful in medical  
imaging of sites expressing (II). (I) and (II) are useful for treating  
disorders involving aberrant protein expression or biological activity.  
The polypeptide and polynucleotide sequences have applications in  
diagnostics, forensics, gene mapping, identification of mutations  
responsible for genetic disorders or other traits to assess biodiversity  
and to produce other types of data and products dependent on DNA and  
amino acid sequences. AAS64197-AAS94564 represent novel human  
diagnostic coding sequences of the invention.  
Note: The sequence data for this patent did not appear in the printed  
specification, but was obtained in electronic format directly from WIPO  
at ftp.wipo.int/pub/published\_pct\_sequences.  
Sequence 1582 BP; 422 A; 376 C; 441 G; 343 T; 0 other;

### Query Match

85.5%; score 1378; DB 23; Length 1582;

Best Local Similarity 96.58; Pred. No. 0;

Best Local Similarity 96.5%; Pred. No. 0;  
Matches 1475; Conservative 0; Mismatches 40; Indels 13; Gaps 6;